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TITLE: AQUEOUS DISPERSION OF COMPOUNDED POLYURETHANE RESIN

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INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To prepare an aqueous dispersion of a compounded polyurethane resin excellent in adhesion, heat resistance after its adhering process and processing adaptability under

≤80°C low temperature condition.

SOLUTION: This aqueous dispersion of the compounded polyurethane resin is obtained from (A) a self emulsifiable terminal isocyanate group-containing hydrophilic urethane prepolymer and (B) a hydrophobic resin having 500-20,000 number-average molecular weight, and the ratio of (A) to (B) is (A)/(B)=(99/1)-(40/60) in weight ratio of solid portions. The prepolymer (A) has an anionic group or the anionic group and a nonionic group as the hydrophilic groups. An aqueous adhesive and an aqueous coating agent are characterized by containing the aqueous dispersion.